APPENDIX A

Arizona Interoperable Channel Plan - Priority Programming Guides

The Statewide Interoperability Executive Committee (SIEC) has approved these "priority programming guides" to standardize and increase interoperable communications throughout the state in the VHF, UHF, 700 and 800 MHz bands. It is suggested the each agency incorporate these channels into their channel plan the next time their radios are programmed.

VHF

Table 1: Statewide VHF Priority Programming Guide

	NAME	BANDWIDTH	RX FREQ MHz	RX CTCSS Hz	TX FREQ MHz	TX CTCSS Hz
1	VAIRS1	12.5 kHz	155.4750	CSQ	155.1900	141.3
2	VAIRS2	12.5 kHz	155.4750	CSQ	155.1900	131.8
3	VAIRS3	12.5 kHz	155.4750	CSQ	155.1900	110.9
4	VAIRS4	12.5 kHz	155.4750	CSQ	155.1900	123.0
5	VAIRS5	12.5 kHz	155.4750	CSQ	155.1900	167.9
6	SAR NFM	12.5 kHz	155.1600	CSQ	155.1600	127.3
7	VFIRE21	12.5 kHz	154.2800	CSQ	154.2800	CSQ
8	VMED28	12.5 kHz	155.3400	CSQ	155.3400	CSQ
9	VLAW31	12.5 kHz	155.4750	CSQ	155.4750	CSQ
10	VCALL10	12.5 kHz	155.7525	CSQ	155.7525	156.7
11	VTAC11	12.5 kHz	151.1375	CSQ	151.1375	156.7
12	VTAC12	12.5 kHz	154.4525	CSQ	154.4525	156.7
13	VTAC13	12.5 kHz	158.7375	CSQ	158.7375	156.7
14	VTAC14	12.5 kHz	159.4725	CSQ	159.4725	156.7
15	VTAC36*	12.5 kHz	151.1375	CSQ	159.4725	136.5
16	VTAC37*	12.5 kHz	154.4525	CSQ	158.7375	136.5

*NOTE: The use of tactical repeater pairs VTAC36/37 will supersede the use of VTAC11-14 since their Rx/Tx frequencies will be in use. In other words;

- VTAC36 uses the Rx of VTAC11 and the Tx of VTAC14 with a 8.335 MHz separation.
- VTAC37 uses the Rx of VTAC12 and the Tx of VTAC13 with a 4.285 MHz separation.

NOTE: VTAC33 and VTAC34 were replaced by VTAC36 and VTAC37 on January 11, 2012

Radios capable of being programmed in analog, digital or mixed modes should use mixed mode for receive, where possible.

UHF

Table 2: Statewide UHF Priority Programming Guide

	NAME	BANDWIDTH	RX FREQ MHz	RX CTCSS Hz	TX FREQ MHz	TX CTCSS Hz
1	UAIRS1	12.5 kHz	460.3750	CSQ	465.3750	141.3
2	UAIRS2	12.5 kHz	460.3750	CSQ	465.3750	131.8
3	UAIRS3	12.5 kHz	460.3750	CSQ	465.3750	110.9
4	UAIRS4	12.5 kHz	460.3750	CSQ	465.3750	123.0
5	UAIRS5	12.5 kHz	460.3750	CSQ	465.3750	167.9
6	UAIRS_D	12.5 kHz	460.3750	CSQ	460.3750	100.0
7	UCALL40	12.5 kHz	453.2125	CSQ	458.2125	156.7
8	UCALL40D	12.5 kHz	453.2125	CSQ	453.2125	156.7
9	UTAC41	12.5 kHz	453.4625	CSQ	458.4625	156.7
10	UTAC41D	12.5 kHz	453.4625	CSQ	453.4625	156.7
11	UTAC42	12.5 kHz	453.7125	CSQ	458.7125	156.7
12	UTAC42D	12.5 kHz	453.7125	CSQ	453.7125	156.7
13	UTAC43	12.5 kHz	453.8625	CSQ	458.8625	156.7
14	UTAC43D	12.5 kHz	453.8625	CSQ	453.8625	156.7
15	MED-5D	12.5 kHz	463.1000	CSQ	463.1000	136.5
16						

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800 MHz

The regional AIRS channels, AIRS1 through AIRS5, have CTCSS tones only used in Arizona. The 8TAC91 through 8TAC94 channels are also national channels. Optionally, the channel name can be modified when used in the direct or talk around mode with the addition of "D" to the end of the channel name (for example, 8TAC92D).

Table 3: Statewide 800 MHz Priority Programming Guide

	NAME	BAND-WIDTH	RX FREQ MHz	RX CTCSS Hz	TX FREQ MHz	TX CTCSS Hz
1	8AIRS1	20 kHz	866.0125	CSQ	821.0125	141.3
2	8AIRS2	20 kHz	866.0125	CSQ	821.0125	131.8
3	8AIRS3	20 kHz	866.0125	CSQ	821.0125	110.9
4	8AIRS4	20 kHz	866.0125	CSQ	821.0125	123.0
5	8AIRS5	20 kHz	866.0125	CSQ	821.0125	167.9
6	8CALL90	20 kHz	866.0125	CSQ	821.0125	156.7
7	8TAC91	20 kHz	866.5125	CSQ	821.5125	156.7
8	8TAC91D	20 kHz	866.5125	CSQ	866.5125	156.7
9	8TAC92	20 kHz	867.0125	CSQ	822.0125	156.7
10	8TAC92D	20 kHz	867.0125	CSQ	867.0125	156.7
11	8TAC93	20 kHz	867.5125	CSQ	822.5125	156.7
12	8TAC93D	20 kHz	867.5125	CSQ	867.5125	156.7
13	8TAC94	20 kHz	868.0125	CSQ	823.0125	156.7
14	8TAC94D	20 kHz	868.0125	CSQ	868.0125	156.7
15	8AZTAC5†	20 kHz	866.0375	CSQ	821.0375	156.7
16	8AZTAC5D†	20 kHz	866.0375	CSQ	866.0375	156.7

† See: Restrictions on the use of 8AZTAC5 and 8AZTAC5D

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Restrictions on the use of 8AZTAC5 and 8AZTAC5D

The use of 8AZTAC5 and 8AZTAC5D are unique to Arizona with the approval of the Region 3 - 800 MHz Regional Planning Committee. The names of 8TAC95 and 8TAC95D were changed to 8AZTAC5 and 8AZTAC5D on January 11, 2012. These frequencies were also previously called 8TAC5 and 8TAC5D.

The 8AZTAC5 channel must be licensed. License to the 8AZTAC5D channel is provided under the same 8AZTAC5 license.

The Arizona 800 MHz Regional Plan states that all interoperability channel licensees for Mobile Relay (FB2), or Fixed Stations (FB) shall be obtained by and in the name of the entity authorized by the Arizona Regional Review Committee. Other base radios shall be licensed in the name of

the applicant agency. In accordance with FCC Report and Order General Docket 87-112, vehicular, portable, and aircraft stations using either the five National channels or the Statewide interoperability channel frequencies may operate without further FCC authorization. However, the prospective vehicular/portable/aircraft user must comply with 4.5.4 of this section. (See the Arizona Regional Review Committee's (ARRC), Arizona 800 MHz Regional Plan – Section 4.4: Application Procedures.)

The Arizona 800 MHz Regional Plan also states that use of these two frequencies is prohibited in some areas in the Counties bordering California; however, it shall be included in all portable/mobile equipment in all other areas. Use of these two frequencies in La Paz and Mohave Counties is subject to interference from a State of California transmitter located near Needles, California and use is prohibited within a 70 mile radius of the transmitter located at 34º 40' 54"N, 114º 41' 24"W. (See the Arizona Regional Review Committee's (ARRC), Arizona 800 MHz Regional Plan – Section 4.5.2.1: Monitoring Requirements.)

700 MHz

Table 4: Statewide 700 MHz Priority Programming Guide

	NAME	BAND-WIDTH	RX FREQ MHz	RX NAC	TX FREQ MHz	TX NAC
1	7CALL50	12.5 kHz	769.24375	3966 or $F7E	799.24375	659 or $293
2	7CALL50D	12.5 kHz	769.24375	3966 or $F7E	769.24375	659 or $293
3	7MED65	12.5 kHz	769.39375	3966 or $F7E	799.39375	659 or $293
4	7MED65D	12.5 kHz	769.39375	3966 or $F7E	769.39375	659 or $293
5	7TAC55	12.5 kHz	769.74375	3966 or $F7E	799.74375	659 or $293
6	7TAC55D	12.5 kHz	769.74375	3966 or $F7E	769.74375	659 or $293
7	7FIRE63	12.5 kHz	769.89375	3966 or $F7E	799.89375	659 or $293
8	7FIRE63D	12.5 kHz	769.89375	3966 or $F7E	769.89375	659 or $293
9	7TAC56	12.5 kHz	770.24375	3966 or $F7E	800.24375	659 or $293
10	7TAC56D	12.5 kHz	770.24375	3966 or $F7E	770.24375	659 or $293
11	7LAW61	12.5 kHz	770.39375	3966 or $F7E	800.39375	659 or $293
12	7LAW61D	12.5 kHz	770.39375	3966 or $F7E	770.39375	659 or $293
13	7GTAC57	12.5 kHz	770.99375	3966 or $F7E	800.99375	659 or $293
14	7GTAC57D	12.5 kHz	770.99375	3966 or $F7E	770.99375	659 or $293
15	7CALL70	12.5 kHz	773.25625	3966 or $F7E	803.25625	659 or $293
16	7CALL70D	12.5 kHz	773.25625	3966 or $F7E	773.25625	659 or $293

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